

# EQ 10.1

## Modular Ten-Band Graphic Equalizer

### Basic Guidelines

A graphic equalizer adjusts the sound of your audio system. Before setting the sliders, listen to your system and ask yourself what you'd like to change about its sound. If you want more bass, for example, either raise the low frequency sliders or lower the midrange or high frequency sliders. Conversely, if you'd like to hear more high frequencies, either raise the high frequency sliders or lower the midrange or bass frequencies.

### Using The Controls

#### ① Power

Press this switch to turn the unit on or off. The red LED in the switch will light to show power is on.

#### ② Level

This knob controls the volume level of the EQ's output.

#### ③ Line

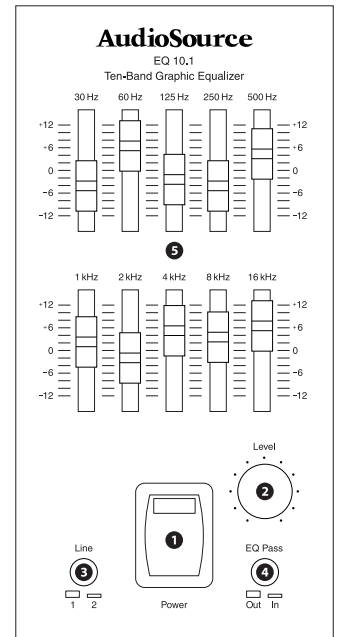
This switch refers to the hookups on the back of the EQ 10.1. If you are using XLR or balanced inputs (line 2), depress this button. If you are using RCA or unbalanced inputs (line 1), leave this button in the out position.

#### ④ EQ/Pass

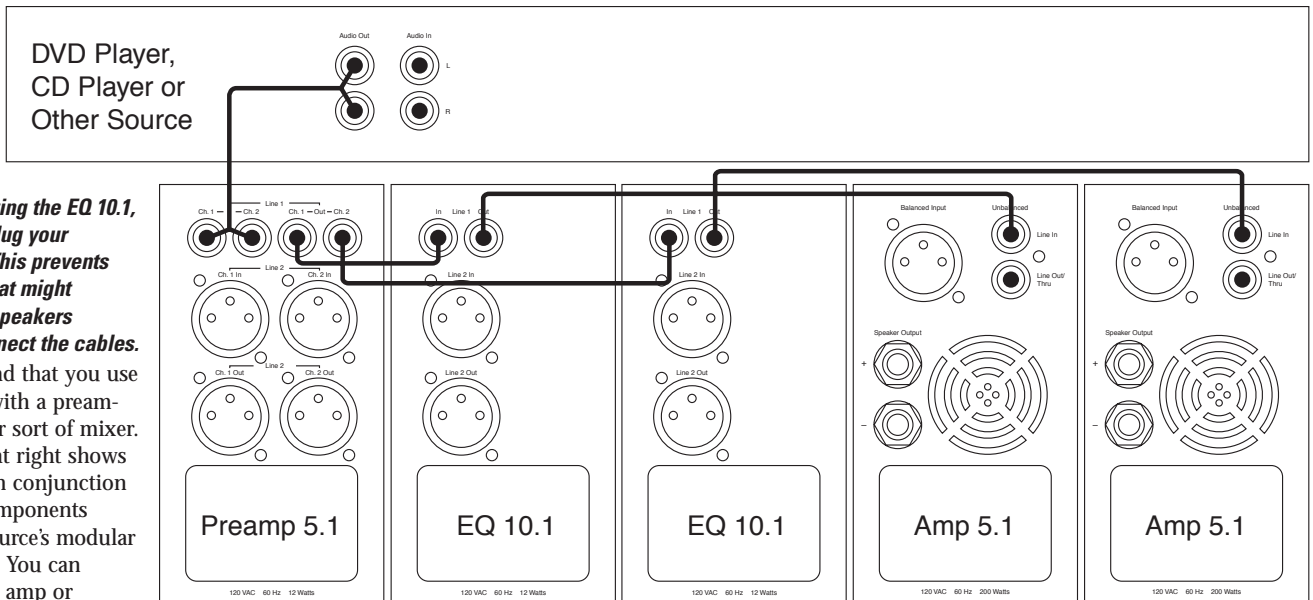
Use this switch to compare the equalized and unequalized sound. Depress this button to hear the equalized sound. Leave this switch in the out position to hear the unequalized sound.

#### ⑤ EQ Sliders

There are ten sliders, each of which has a range of 12 dB to boost or cut its particular frequencies. The lowest frequency slider is 30 Hz, and the highest is 16 kHz. The range of this EQ corresponds with all but the extremes of human hearing. Adjusting the sliders makes it simple to alter the sound of your system. For instance, the lowest note of a bass guitar is around 42 Hz. Adjusting the 30 Hz and 60 Hz sliders adjusts the level of the bass guitar, bass drum, and other instruments within this frequency range.



### Hooking It Up



**When connecting the EQ 10.1, turn off or unplug your components. This prevents loud "pops" that might damage your speakers while you connect the cables.**

We recommend that you use the EQ 10.1 with a preamplifier or other sort of mixer. The diagram at right shows the EQ 10.1 in conjunction with other components from AudioSource's modular separates line. You can substitute any amp or preamp; the setup is the same.

Also, XLR/balanced connections follow the same paths as the RCA/unbalanced connections described below. Since most audio systems are configured in stereo, this diagram includes two EQ 10.1s. You may use either of the two for the left or right channel. If you have a single EQ 10.1 in a mono setup, simply adapt the diagram above by omitting one of the stereo connections.

1. Connect the source component (e.g. DVD player, CD player, cassette deck, microphone) to the preamp input.
2. Connect the two output channels of the preamp to each of the EQ inputs. In this diagram, Channel 1 is left and Channel 2 is right.
3. Connect the outputs from each EQ to the amplifier inputs. Please note that the Amp 5.1 is also a single-channel amplifier, which is why two of them are required in this example. Rather than two monoblocks, you could also use a single stereo amplifier, such as an Amp 6.2 or 6.3.

*Note: If any part of this product is damaged or missing, do not contact your AudioSource dealer. Please call us directly at 800-435-7115.*

## Safety Instructions



**Warning:** To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

**Caution:** To reduce the risk of electric shock, do not remove cover (or back); no user serviceable parts inside. Refer servicing to qualified service personnel.

**Caution:** To prevent electric shock, match wide blade of plug to wide slot, fully insert.

**Attention:** Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

*The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.*

### Read Instructions

All the safety and operating instructions should be read before the appliance is operated.

### Retain Instructions

The safety and operating instructions should be adhered to.

### Heed Warnings

All warnings on the appliance and in the operating instructions should be adhered to.

### Follow Instructions

All operating and use instructions should be followed.

### Water and Moisture

The appliance should not be used near water. For example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

### Ventilation

The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in situation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

### Heat

The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

### Power Sources

The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

### Grounding or Polarization

Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

### Power Cord Protection

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

### Cleaning

The unit should be cleaned only as recommended by the manufacturer.

### Power Lines

An outdoor antenna should be located away from power lines.

### Non-Use Periods

The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

### Object and Liquid Entry

Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

### Damage Requiring Service

The appliance should be serviced by qualified service personnel when: a) The power supply cord or the plug has been damaged; b) Objects have fallen, or liquid has been spilled into the appliance; c) The appliance has been exposed to rain; d) The appliance does not appear to operate normally or exhibits a marked change in performance; or e) The appliance has been dropped, or the enclosure damaged.

### Servicing

The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

### Product Servicing

In the event your EQ 10.1 fails to operated properly, please contact the dealer where you purchased the unit. Or you may contact AudioSource directly for further assistance.

This manual provides detailed instructions for setting up your equipment. We also offer friendly, toll-free assistance.

# 1.800.HELP.115

## EQ 10.1 Specifications

Frequency Response	.....10 Hz to 100 kHz $\pm$ 1 dB	Outputs	....Line 1 (RCA/Unbalanced), Line 2 (XLR/Balanced)
Signal to Noise Ratio	.....>95 dB	Control Range	..... $\pm$ 12 dB
Input Impedance	.....47k Ohms	Power Consumption	......6 Watts
Output Impedance	.....600 Ohms	Dimensions	.....7.125" x 2.25" x 16.5", 3.25 lbs.
Inputs	.....Line 1 (RCA/Unbalanced), Line 2 (XLR/Balanced)		

*Design and specifications are subject to change without notice.*

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